

AMENDMENTS TO THE DRAWINGS

The attached replacement sheet for FIG. 11 includes a "PRIOR ART" label. This replacement sheet, which includes FIG. 11, replaces the original sheet including FIG. 11.

Attachment: Replacement Sheet

REMARKS

Favorable reconsideration of this application, in light of the preceding amendments and the following remarks, is respectfully requested.

Claims 1-13 and 15-35 are pending in this application. Claims 1, 4, 10-13, 16, 19, 25-27, and 32-34 are amended. Claim 14 is cancelled.

Drawings

In paragraph 1 of the Office Action mailed October 19, 2006, the Examiner objects to FIG. 11, indicating that "Figure 11 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated."

Applicants respectfully submit that the replacement sheet submitted with this Amendment has addressed the Examiner's objection and thus, respectfully request that the drawing objection be withdrawn.

Claim Objections

Claim 29 is objected to as including a minor informality. Claim 29 has been amended as suggested by the Examiner, thereby overcoming this objection.

Therefore, Applicants respectfully request that the objection to claim 29 be withdrawn.

Rejections under 35 U.S.C. § 101

Claim 14 stands rejected under 35 U.S.C. § 101 since "a program" itself is neither a process nor a manufacture. Applicants respectfully note that claim 14 has been cancelled, thereby rendering this rejection moot.

Therefore, Applicants respectfully request that the rejection of Claim 14 be withdrawn.

Rejections under 35 U.S.C. § 102

Claims 1-3, 6-9, 12-18, 21-24, 30, 31 and 35 stand rejected under 35 U.S.C. § 102(e) as anticipated by Suzuki et al. (U.S. Patent No. 2002/0140652, herein Suzuki”). Applicants respectfully traverse this rejection for the reasons detailed below.

Suzuki is directed towards a liquid crystal display control circuit that performs drive compensation for high-speed response. Paragraph [0041] of Suzuki recites the following:

According to the drive compensation method, the display drive data Fo corresponding to the liquid crystal drive voltage is, as in the manner, set according to the relationship between the input image data Fi of the previous frame and the input image data Fi of the current frame. If the differences of both image data is larger, a correction value Δ corresponding to that is added to input image data Fi of the current frame. (Emphasis Added)

As such, Suzuki merely describes correcting a drive signal of a current frame based on a previous frame. Suzuki fails to disclose, teach or suggest using more than one previous frame. Further, Applicants respectfully submit that it is unclear how the specific circuits illustrated in FIGS 15A-C of Suzuki could be modified to consider more than one previous frame. Still, further Applicants respectfully submit that this modification would be a substantial redesign and would not be obvious to one of ordinary skill in the art.

In light of the above, Applicants respectfully submit that Suzuki at least fails to disclose, teach or suggest, the “determining a resultant value based on a first drive signal associated with a first frame input at a first time and a previous drive signal associated with a previous frame input at a time previous to the first time; and modulating a second drive signal associated with a second frame, input at a second time that is subsequent to the first time, based on the determined resultant value to produce a corrected second drive signal for a pixel, so as to facilitate a tone transition from the first time to the second time,” as recited in amended

independent claim 1. Amended independent claims 12, 13 and 16 include somewhat similar features and thus, are allowable over Suzuki for at least the same reasons as claim 1 discussed above. Claims 2, 3, 6-9, 15, 17, 18, 21-24 and 30-35 depend from claims 1, 12, 13 and 16 and thus, are allowable for at least the same reasons as the independent claims 1, 12, 13 and 16.

Therefore, Applicants respectfully request that the rejection of claims 1-3, 6-9, 12-18, 21-24, 30, 31 and 35 under 35 U.S.C. § 102(e) as anticipated by Suzuki be withdrawn.

Allowable Subject Matter

Applicants acknowledge with appreciation the Examiner's indication that claims 4, 5, 10, 11, 19, 20, 25-29 and 32-34 include allowable subject matter. In light of this indication, claim 4, 10, 11, 19, 25, 26, 27, 29, 32, 33 and 34 have been rewritten in independent form, and thus are believed to be in condition for formal allowance. Further, claims 5, 20 and 28 now depend from claims 4, 19 and 27, respectively, which were rewritten in independent form.

Therefore, Applicants respectfully submit that claims 4, 5, 10, 11, 19, 20, 25-29 and 32-34 are allowable.

CONCLUSION

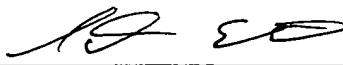
Accordingly, in view of the above amendments and remarks, reconsideration of the objections and rejections and allowance of each of the pending claims of this application is earnestly solicited.

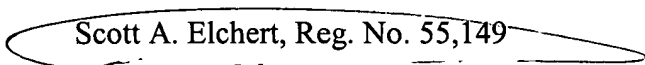
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Donald J. Daley at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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